

What is Claimed is

1. A multiple twisted conductor comprising at least two individual twisted conductors (1, 2) comprising individual enamel insulated partial conductors (3) and a joint sheath (5) surrounding the individual twisted conductors (1, 2), wherein the individual twisted conductors (1, 2) are arranged inside the common sheath (5) without any insulating layer of their own.

2. A multiple twisted conductor as claimed in claim 1, wherein the individual twisted conductors (1, 2) are spaced apart from one another by spacers (6) made of an insulating material.

3. A multiple twisted conductor as claimed in claim 2, wherein the spacer (6) is made of pressboard.

4. A process for producing a multiple twisted conductor in which at least two individual conductors comprising enamel insulated partial conductors are pulled from at least one supply reel, joined, and provided with a common sheath, said process further comprising the step of providing the individual twisted conductors, which do not have any insulating layer of their own, with a common insulating sheath.

5. A process as claimed in claim 4, wherein a spacer is arranged between the individual twisted conductors.

6. A process as claimed in claim 5, wherein a spacer made of pressboard is used.

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7. A process as claimed in claim 4, wherein a first twisted conductor is produced from a plurality of partial conductors by Roebel transposition, and in the production line of the second twisted conductor, said first twisted conductor together with the second twisted conductor is provided with a common insulating sheath.

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